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CENTER FOR HUMAN RADIOBIOLOGY
Argonne National Laboratory

Radiological and Environmental Research Division
and Health Division

700271

Radium Study Project -- Clinical Summary

Name of Patient:

CHR #: 40-003

Personal Physician:

Phone:

Date of Medical Evaluation: June 11, 1973

Date of Birth:

Present Health Status: This patient, en route to Strong Memorial Hospital, Rochester, N.Y., for specific metabolic studies, was seen at the Center for preliminary interview, studies of hematology and blood chemistries, skeletal X-ray survey and examination for body radioactivity. His regular medical workup was deferred to the Clinical Research Center at the University of Rochester. A few additional data are supplied here.

Past Medical History: Early in 1946, while employed as a Pullman porter, he was thrown along a railway car corridor in Union Station, Chicago, due to deceleration of the Train, and injured the lateral aspect of the left knee. About a year later, when examined by a company physician in Oakland, a tumor was found in this area and a mid-Thigh amputation was performed at the University of California Hospital in July 1947. A 5 x 3 cm. tumor mass, extending up the femur from the distal end, was identified as a chondromyxosarcoma. The physician told him the prognosis was bad. He worked with an artificial limb until 2 years ago, when this was discarded because of severe skin irritation. He sometimes has cramps in the phantom leg. He has been taking medication for hypertension for one or two years (hydroses?) and has occasionally "blacked out" recently.

Marital History: He was married to [redacted] in September 1944; previously had a brief, unsuccessful marriage. His wife is a school teacher, healthy except for hypertension for which she takes Aldomet, and has a mild allergic history (hayfever). One daughter, born in 1945, had 2 miscarriages and then adopted a girl; a son, born in 1947, has one daughter.

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Family History: Mother died in the 1930's of undetermined cause; father was seperated and is believed not to be living. A brother and a sister are living and well in Chicago.

Occupational History: He was a Pullman Porter from [redacted]; started in [redacted] and "wound up" in [redacted]. Since operation he has done mostly farm and other outdoor work until he abandoned the artificial leg; and now uses crutches and has a small shop where he repairs furniture.

Physical Examination: Not done.

Laboratory Examination: Reports are attached. All findings are negative and consistent with those reported at Rochester. (The slightly low inorganic phosphate and borderline elevated alkaline phosphatase are consistent with results being reported on normal patients from our laboratory. No abnormal body radioactivity was detected.

Radiologic Examination: Report is attached. Findings are consistent with degenerative arthritis in a number of areas, and scattered radiolucencies suggestive of gouty deposits (however, the uric acid level is quite normal).

Clinical Summary: No abnormalities other than those noted in the report from Strong Memorial Hospital, plus a moderate degree of degenerative arthritis.

Recommendations: Returned to the care of his personal physician.

Austin M. Brues

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